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File: DWPI

DERWENT-ACC-NO: 1973-08518U

DERWENT-WEEK: 197307

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TITLE: Heat stable polymethacrylates - prepd in olefin soln and useful in lubricants

PATENT-ASSIGNEE:

ASSIGNEE

CODE

INST FRANCAIS DU PETROLE

INSF

PRIORITY-DATA: 1971FR-0011440 (March 31, 1971)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC



FR 2131111 A

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INT-CL (IPC): C08F 1/00; C08F 3/00; C10M 3/00

ABSTRACTED-PUB-NO: FR 2131111A

BASIC-ABSTRACT:

A methacrylate polymer is prepd. by heating  $\geq 1$  methacrylate  $\text{CH}_2=\text{C}(\text{CH}_3)\text{COOR}$  (where R is straight or branched chain alkyl), in soln. in  $\geq 1$  3-35C alpha-olefin at 70-120 degrees C, the methacrylate to alpha-olefin molar ratio being 0.1-10, in presence of a free radical initiator. Polymers have improved thermal stability, and are useful in lubricants (esp. for i.c. engines), as VI improvers, thickeners, and pour point depressants.

TI TLE-TERMS: HEAT STABILISED PREPARATION OLEFIN SOLUTION USEFUL LUBRICATE

DERWENT-CLASS: A14 A97 H07

CPI-CODES: A04-F06A; A09-A01A; A12-W02A; H07-G05; H07-G06;

Multipunch Codes: 012 02- 03& 034 05& 051 074 077 081 082 084 145 231 250 264 266  
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